

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: August 4, 2005

Inspector: Diana Walden

Location: 345 kV Underground Route

Storm/

Rain Event: Only a trace of precipitation has been recorded since the last inspection as posted by NOAA.

Areas of Inspection	Observation	Recommended Action
Vault Openings and Trench Construction	<p>- Trenching, pipe installation, and sawcutting operations were ongoing along Rt. 7 in Wilton during the night in several locations. 8/4/05</p> <p>- Trenching and pipe installation continued along Rt. 107 in the general vicinity of Blueberry Hill Rd during the day. 8/4/05</p> <p>- Vault installation is now occurring off the Rt. 7 shoulder near Allen's Meadow Park by the subcontractor JJ Brennan. 8/4/05</p>	<p>-All work has been in the roadway and seems well contained for the most part. See erosion control and material storage sections for specific recommendations. 8/4/05</p>

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> - Areas of silt fence remain installed in the areas of active work along Rt. 7 and Rt. 107 where needed. 8/4/05 - One section of fence has fallen down in an area south of the storage yard near the Rt. 107 and 7 intersection. It should be repaired when work returns to the area. 8/4/05 	<ul style="list-style-type: none"> - Continue to monitor and maintain and repair the fence when active work approaches an area. When active construction passes, fence will be left in place for when work returns to an area. 8/4/05 - This area should be repaired when active work returns here. 8/4/05 -In general, practice appropriate “housekeeping” and be sure to remove any left over debris from work areas.
Erosion and Sediment Controls (continued)	<ul style="list-style-type: none"> -Catch basins are well protected in the vicinity of work areas on Rt. 7. One curb cut across from Seeley Rd appeared to have had evidence of dried sediment flowing to it. Curb cuts and other inlets should be protected in addition to catch basins. 8/4/05 - The active day work on Rt. 107 was also adjacent to an unprotected catch basin with evidence of dried sediment that had headed directly to it. 8/4/05 	<ul style="list-style-type: none"> - Continue to maintain catch basin and inlet protection measures when work is in the vicinity, including areas steeply downgradient from sawcutting. 8/4/05 - In general, catch basins should also be cleaned regularly and roadways swept of sediment attributed to the project. 8/4/05 - Crews on Rt. 107 were also reminded to protect inlets and catch basins with haybales or filter fabric. 8/4/05
Adjacent Wetlands and Waterways	<ul style="list-style-type: none"> -It appears that none of the wetland resource areas adjacent to the roadway work have been affected by the activities. No sedimentation or turbidity was noted. 8/4/05 - A brush pile was placed at a wetland edge off School Rd. and it will be removed. 8/4/05 	<ul style="list-style-type: none"> -None at this time. Continue to monitor. Keep all slurry muds and roadway from reaching catch basins as they may outlet to wetlands and streams. 8/4/05 - In general, cleared vegetation and wood chips etc, should be placed outside of wetland boundaries.
Staging, Storage, and Parking Areas	<ul style="list-style-type: none"> - The equipment storage yard located on property off Rt. 7, south of the Rt 107 and 7 intersection still appears to be in good shape. 6/09-8/4/05 - The 2nd storage and staging 	<ul style="list-style-type: none"> -None at this time. 8/4/05 - In general, equipment should not be left above or adjacent to wetlands during inactive hours.

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	<p>yard for equipment and constructing trench materials along Rt. 7, appears to be in good repair. 7/28-8/4/05</p> <p>-A third storage area was noted off School Rd. where the right of way for the directional drill will eventually be. Several piles (soil, stone and brush) were noted here. 8/4/05</p> <p>- Another temporary equipment parking area was noted for JJ Brennan in the vicinity of their work off the roadway. 8/4/05</p>	<p>- The brush pile is actually on the edge/ in a wetland area and needs to be moved. The soil will also be removed from the area and brought to Danbury for disposal. 8/4/05</p> <p>- Continue to keep the area contained. 8/4/05</p>
Soils	<p>- Most soils along the project route are being trucked to a waste facility in Danbury for storage and eventual disposal. However, any soils from the work in Redding which meet the RSR levels are being used in the landfill as daily cover. 7/14-8/4/05</p> <p>- A small soil stockpile had been left at the School Rd. yard for additional backfill but it has since been removed to the Danbury facility. 8/4/05</p>	<p>- Soils appear to be handled appropriately. 8/4/05</p>
State species of concern, threatened and endangered species	<p>- No species of concern are located in this area of construction.</p>	<p>- N/A</p>
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-Some minor ground cover disturbance has been necessary in a few locations, including some bare soil areas where trenching and vault installation will be near the high school fields.</p> <p>Some brush was also cleared and stockpiled at the School Rd. yard. It will be pulled back from the edge of the wetland area here. 8/4/05</p>	<p>- When ground cover removal is necessary along the sides of the roadway, the areas should be restored and reseeded following the work. 8/4/05</p> <p>- According to the D&M plan, areas that are disturbed but will not be worked in for over 21 days should be temporarily stabilized/reseeded after 7-14 days. Restoration crews should be attending these</p>

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		areas prior to the deadline.
Dewatering	-Dewatering that occurs along Rt. 107 and Rt. 7 is being directed to a frac tank truck. Most of the water is coming from soils that are considered contaminated and cannot be discharged to the ground due to the pollutant levels in the area.	- It could be determined whether the watershed basin is stressed due to removal of the groundwater. -In general, keep dewatering from any clean soils directed to haybales/corrals as proposed. Do not allow unfiltered water to discharge directly to wetlands, streams or catch basins.
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.
Spills and Material Storage	- No spills or leaks were observed during the inspection. 8/4/05	- The contractors should remain vigilant about securing and handling fuel containers. - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. - Check equipment status on a regular basis and keep spill kits on hand. - Report spills immediately, even if they are being controlled.
Additional Observations		

Next likely scheduled inspection:

Wednesday, August 10, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements

made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden



345kV (Rt. 107) View of the day work taking place with active trenching and pipe installation.
(8/4/05)



View of a catch basin on Rt. 107 immediately downgradient of the active day work with evidence of sediment flowing to it. The crews here were reminded to protect inlets. (8/4/05)



View of the storage area off School Rd. on Rt. 7 which is part of the right of way for the eventual directional drilling. Soil piles were noted here but they will be removed to the storage facility. The brush pile is at the edge of a wetland area and should also be moved. (8/4/05)



A curb cut across from Seeley Rd should be protected from any slurry muds with silt fence or haybales when active work is in the area. Catch basins in the area look good. (8/4/05)



View of several storage and work areas along Rt. 7 off the roadway. (8/4/05)



View of work in front of the Wilton High School athletic grounds just off the roadway of Rt. 7. Trenching and a vault installation are proposed in the vicinity. (8/4/05)